

FIG.1

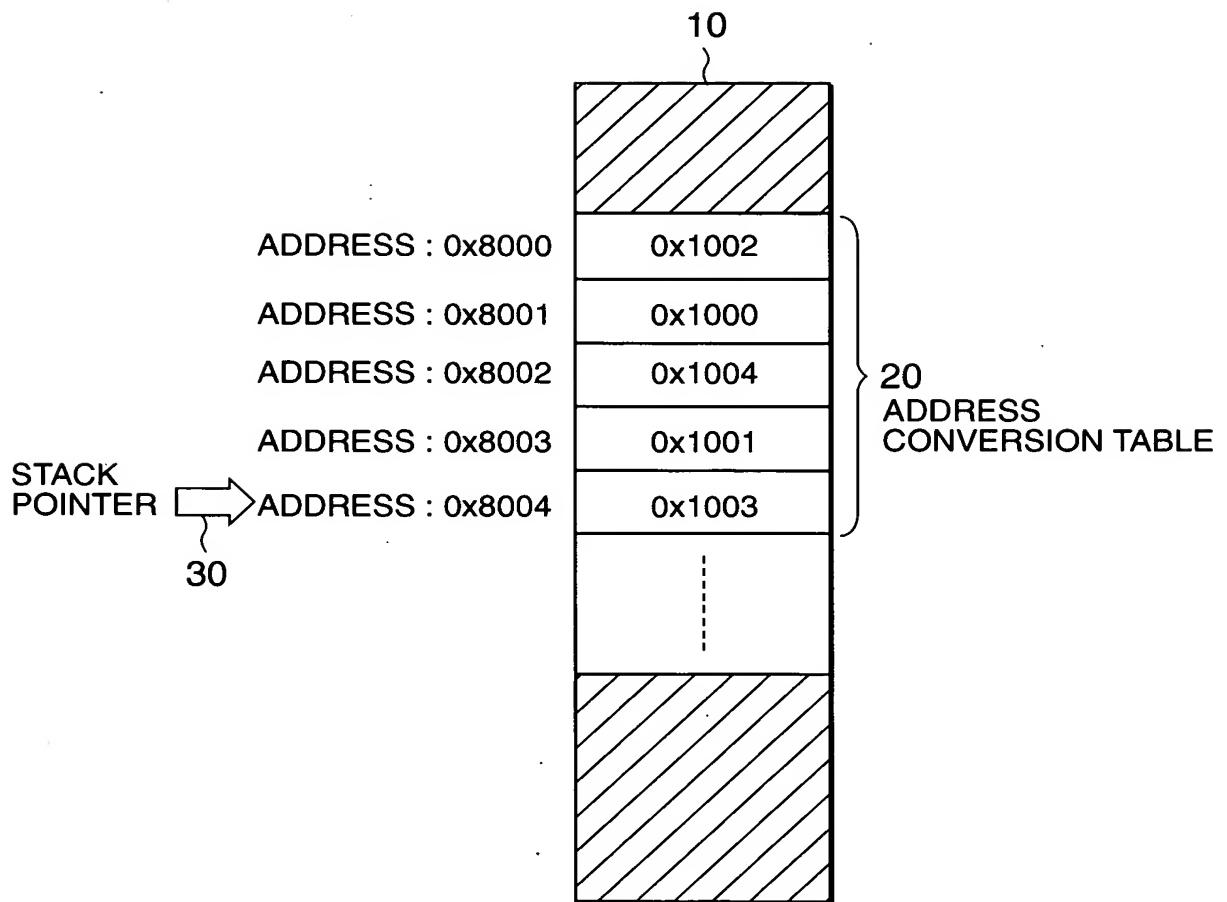


FIG.2

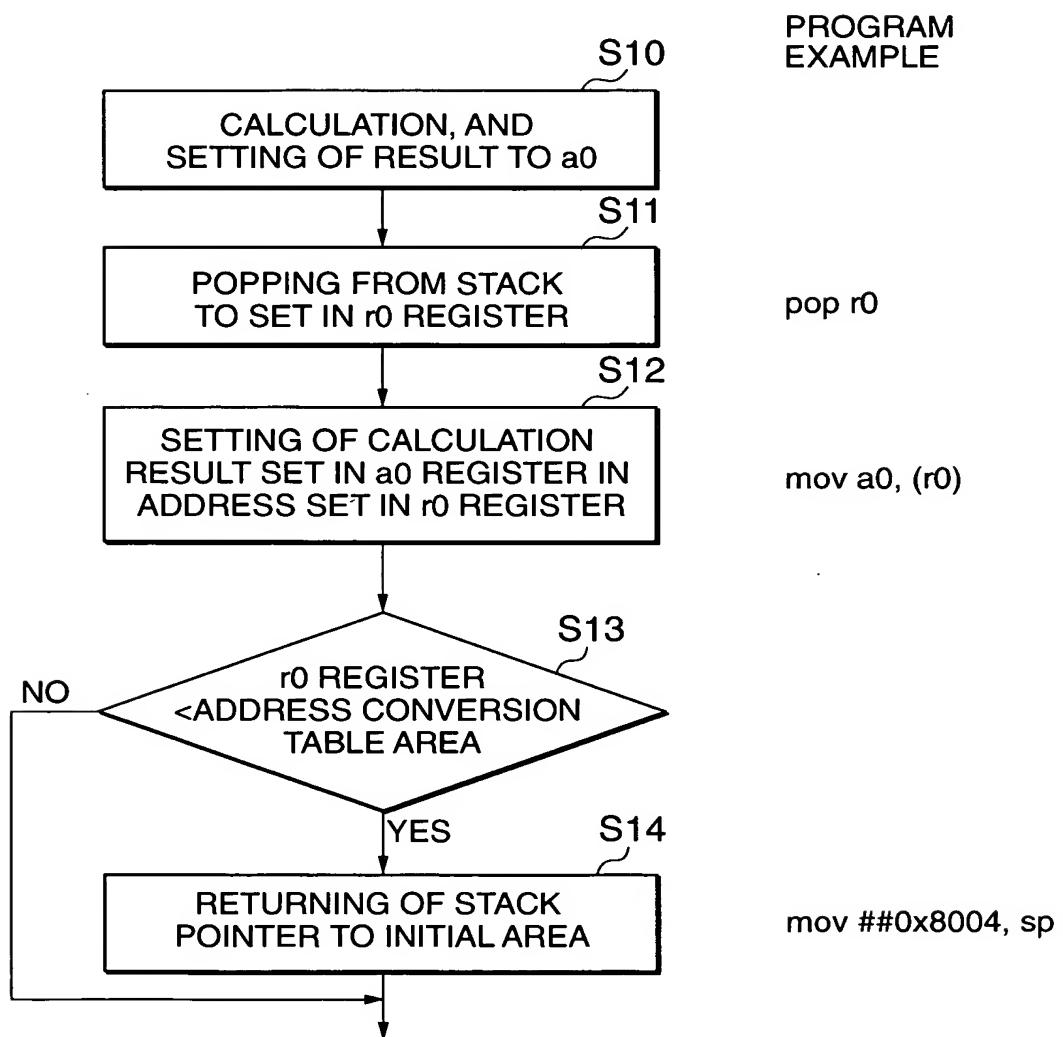


FIG.3

PIPELINE STAGE	t1	t2	t3	t4	t5	t6
FETCH	n1	n2	n3	n4		
DECODE		n1	n2	n3	n4	
READ			n1 (READING FROM MEMORY BY pop)	n2	n3	n4
EXECUTE				n1	n2	n3
WRITE					n1 (WRITING IN MEMORY BY mov)	n2

"pop r0" & "mov a0, (r0)" IS SET AS n1 COMMAND.

FIG.4

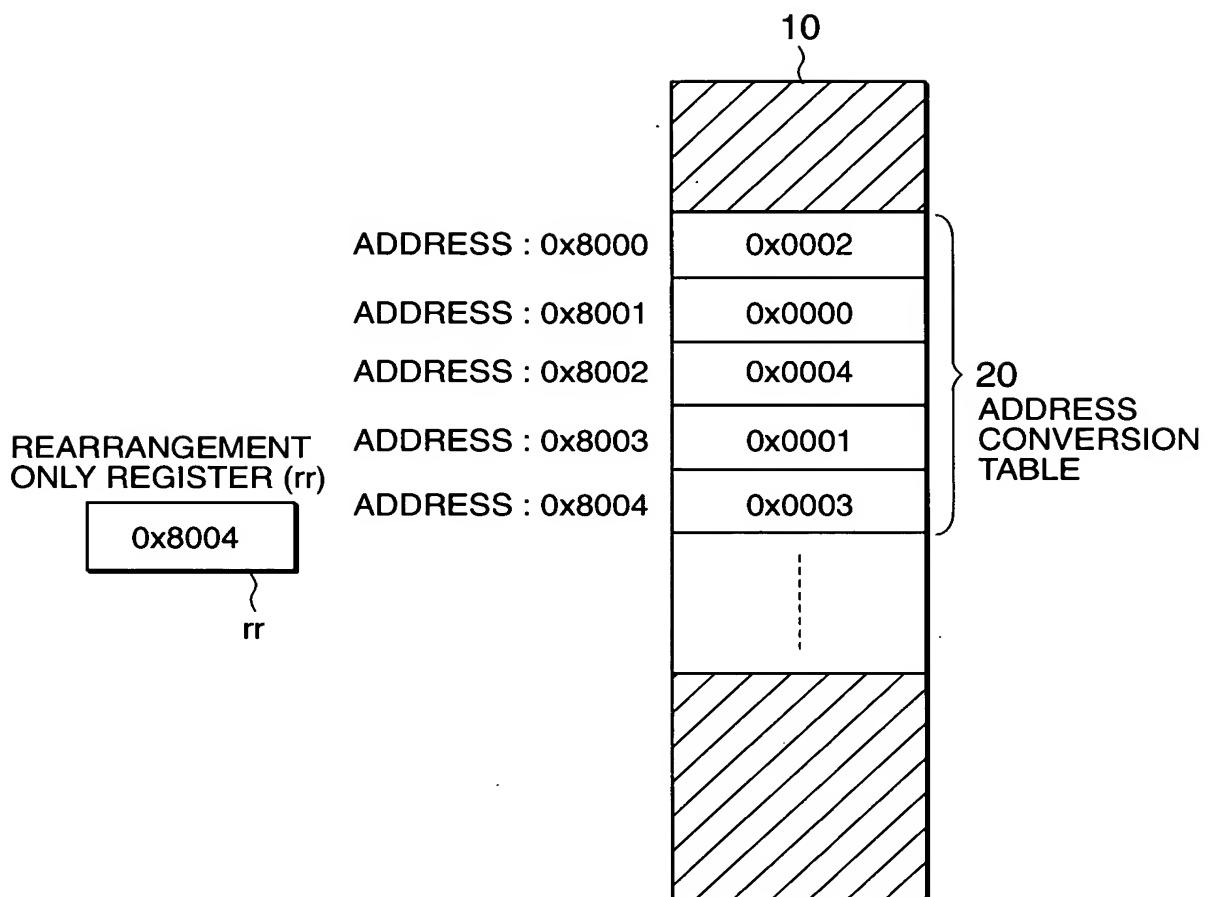


FIG.5

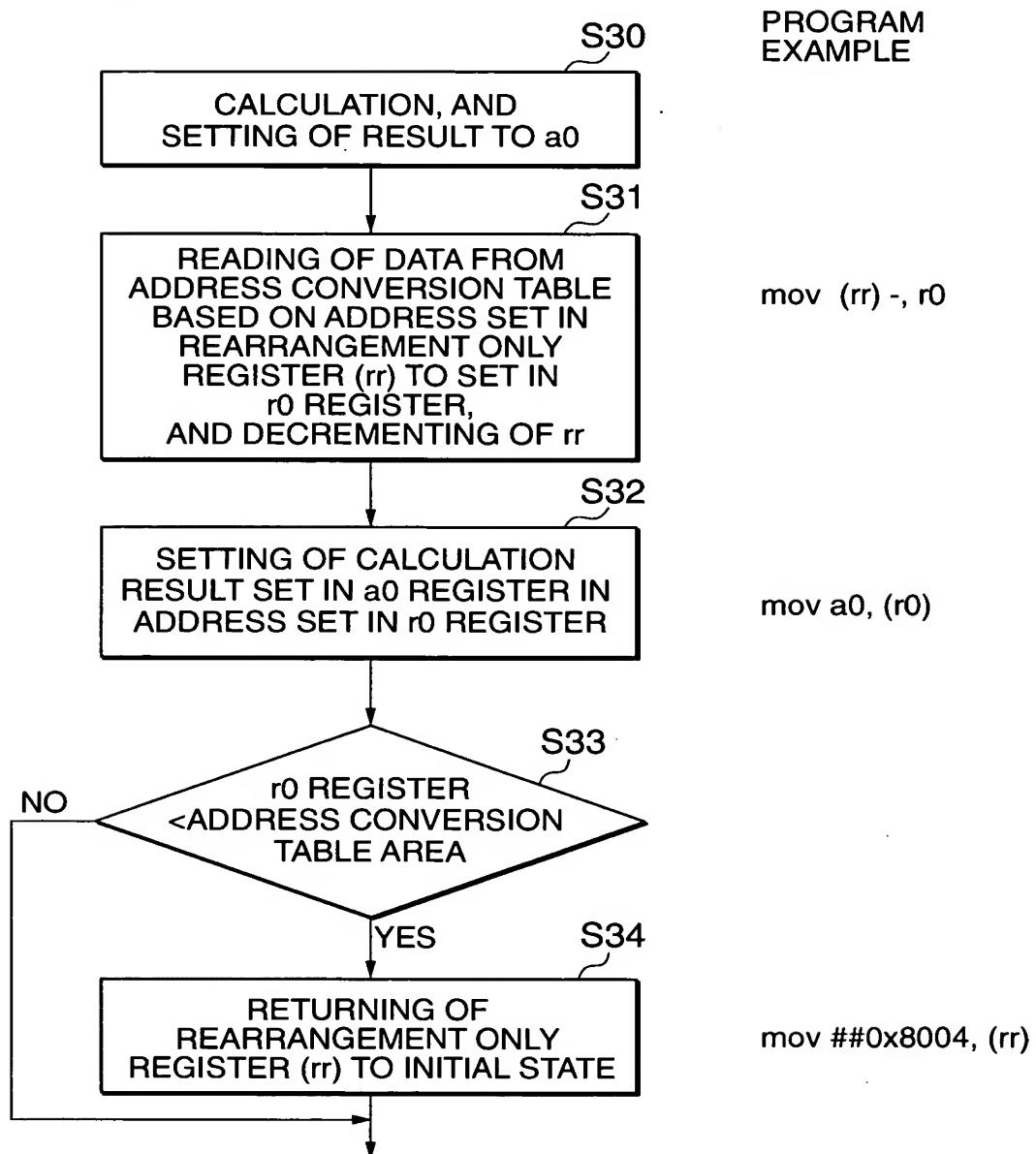


FIG.6

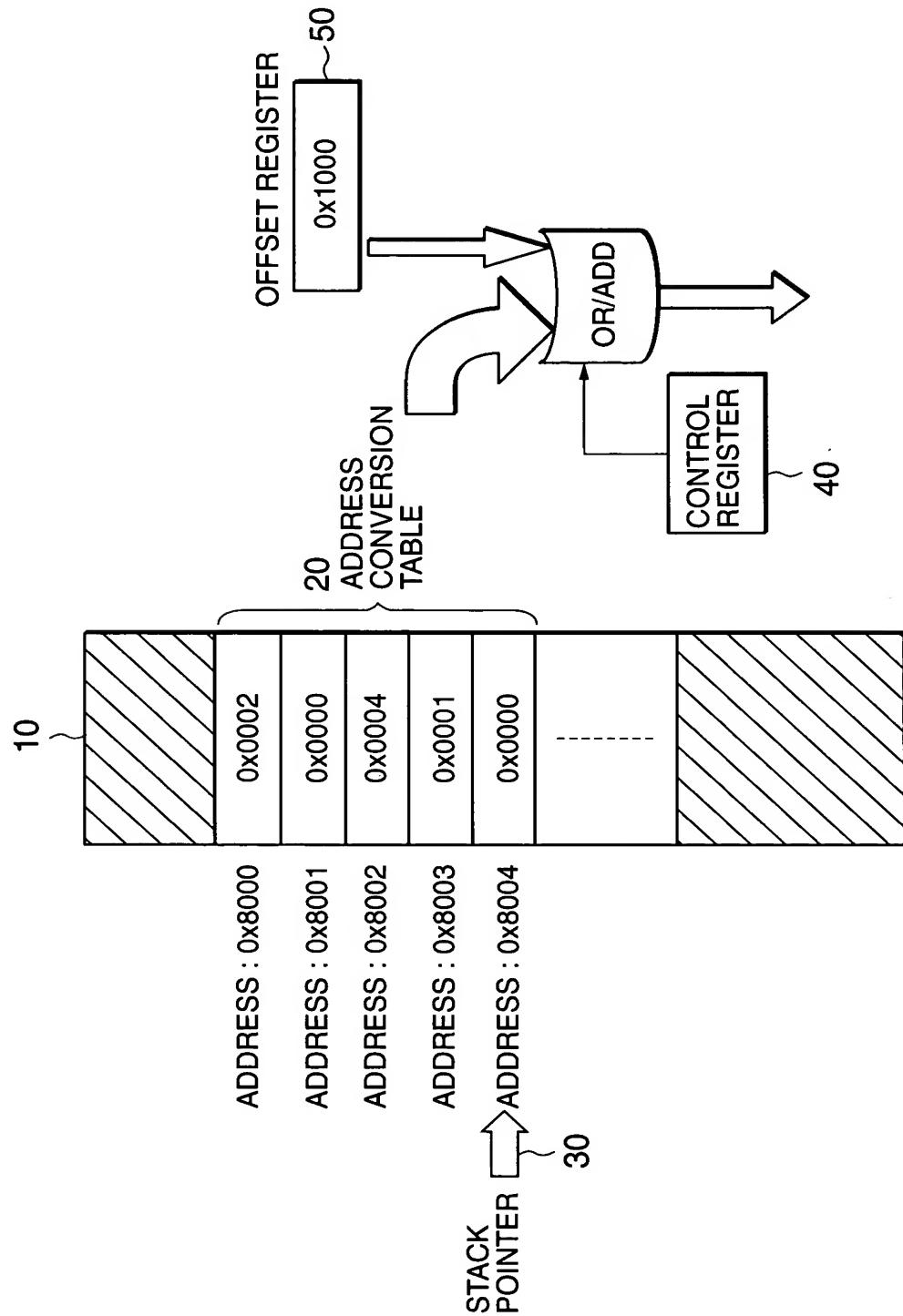


FIG.7

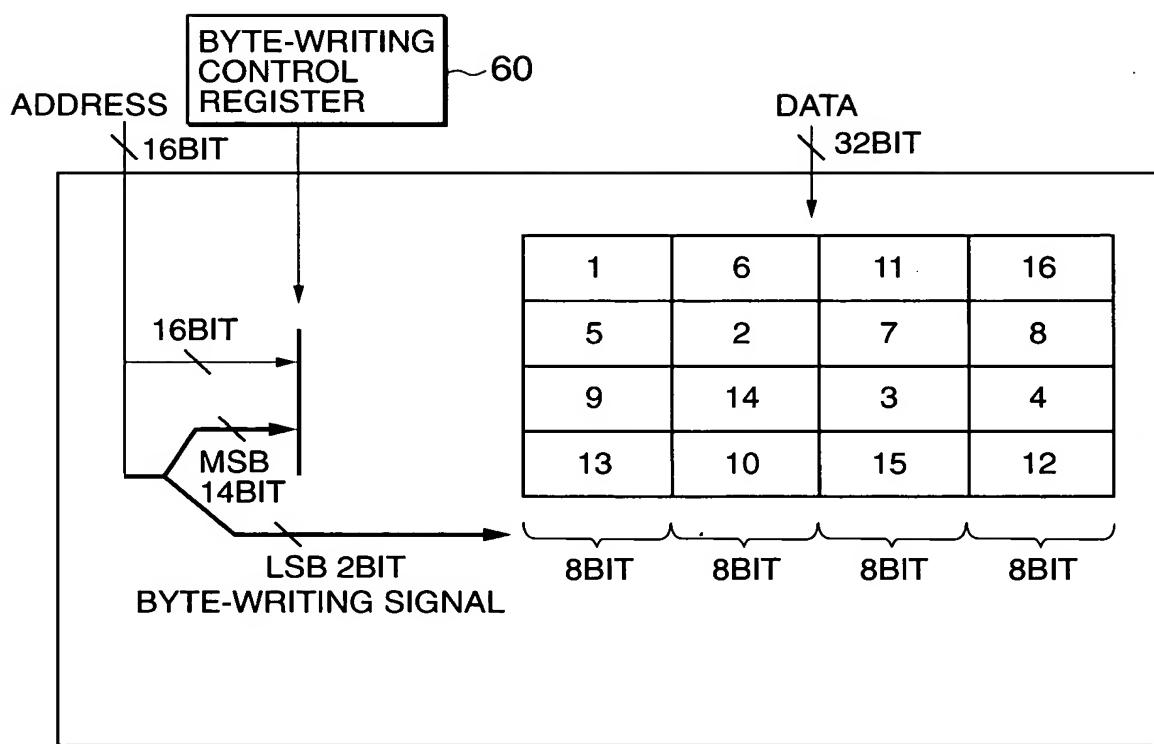


FIG.8

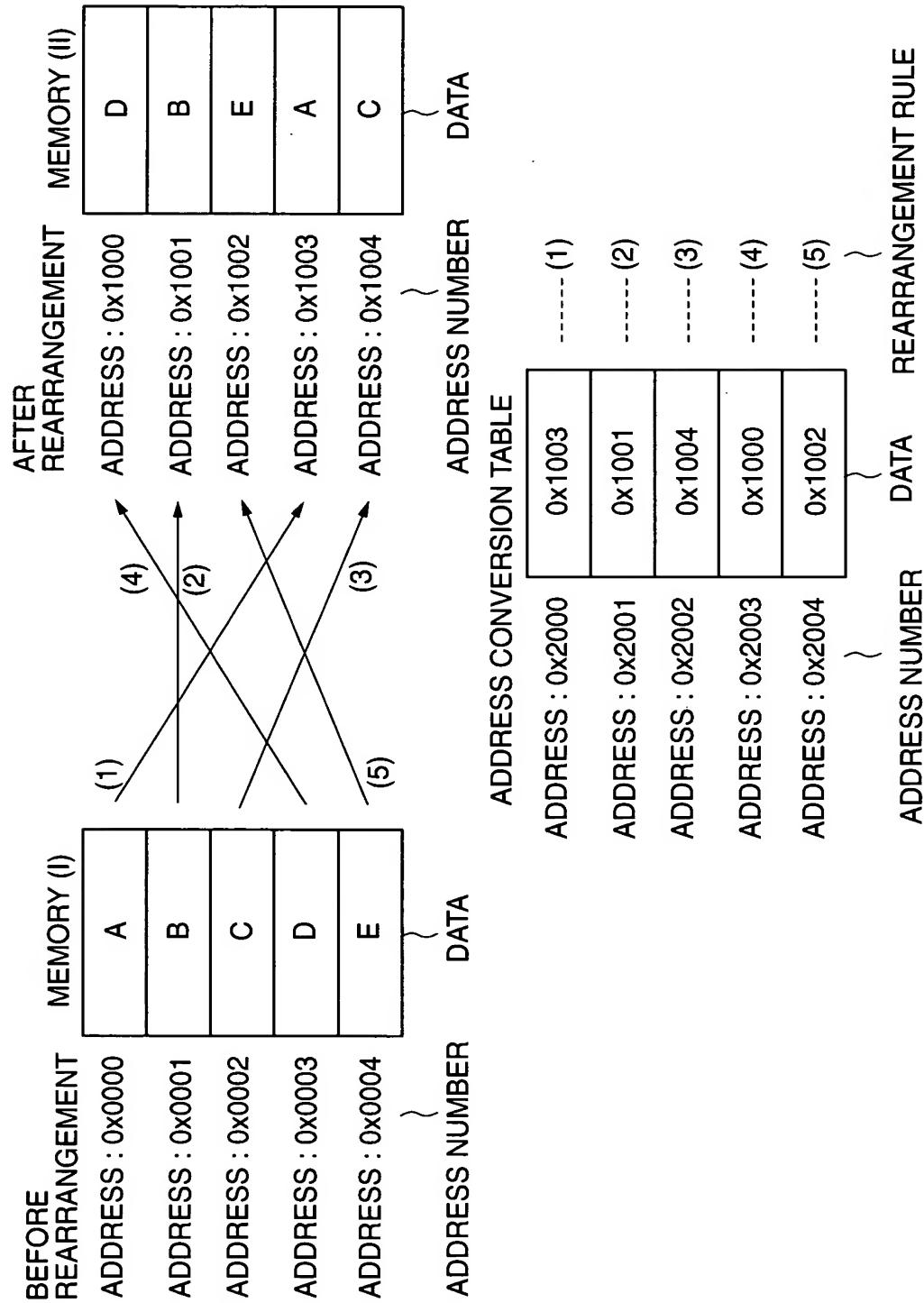


FIG.9

